

Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

09/17/2018

| Name | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
|--------|--------|--------|--------|--------|--------|---------|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|--------|-------|
| PTID | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| CAPITL | 49.00 | 55.56 | 56.62 | 56.26 | 73.15 | 32.16 | 33.98 | 35.27 | 31.24 | 35.63 | 38.54 | 40.07 | 40.57 | 86.91 | 76.87 | 61.28 | 44.48 | 56.72 | 57.12 | 59.10 | 44.67 | 40.55 | 35.11 | 31.74 |
| 61757 | 1.54 | 0.24 | 0.08 | 0.14 | 0.73 | 1.72 | 2.19 | 2.57 | 1.54 | 2.33 | 2.43 | 2.46 | 2.48 | 5.25 | 4.50 | 3.72 | 2.73 | 3.42 | 3.73 | 3.96 | 3.07 | 2.66 | 2.26 | 1.96 |
| | -27.65 | -52.25 | -55.53 | -54.41 | -63.29 | -8.35 | -3.55 | -0.08 | -9.39 | -0.82 | 0.04 | 0.04 | 0.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.62 | 0.90 | 0.21 | 0.34 | 0.00 | 0.00 |
| CENTRL | 21.77 | 6.35 | 4.47 | 5.13 | 13.23 | 11.46 | 28.64 | 31.81 | 17.93 | 32.71 | 36.79 | 38.29 | 38.64 | 83.32 | 74.15 | 58.90 | 42.61 | 54.72 | 54.15 | 55.58 | 42.34 | 38.50 | 33.51 | 30.44 |
| 61754 | 0.26 | 0.04 | 0.01 | 0.03 | 0.16 | 0.23 | 0.25 | 0.31 | 0.27 | 0.45 | 0.70 | 0.71 | 0.70 | 1.64 | 1.78 | 1.33 | 0.86 | 1.41 | 1.21 | 1.08 | 0.89 | 0.85 | 0.66 | 0.66 |
| | -1.71 | -3.24 | -3.45 | -3.39 | -3.94 | 10.86 | -0.15 | 1.12 | 2.66 | 0.23 | 0.06 | 0.06 | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.07 | 1.55 | 0.36 | 0.58 | 0.00 | 0.00 |
| DUNWOD | 42.52 | 43.08 | 43.37 | 43.24 | 57.92 | 34.90 | 33.16 | 36.46 | 46.92 | 37.32 | 39.06 | 40.63 | 41.30 | 87.57 | 77.26 | 61.71 | 44.85 | 56.94 | 57.86 | 60.20 | 44.71 | 41.00 | 35.28 | 31.96 |
| 61760 | 1.60 | 0.22 | 0.07 | 0.11 | 0.59 | 1.45 | 2.18 | 2.67 | 1.64 | 2.66 | 2.91 | 2.99 | 3.01 | 5.90 | 4.90 | 4.15 | 3.10 | 3.64 | 3.85 | 4.15 | 2.90 | 2.77 | 2.44 | 2.19 |
| | -21.12 | -39.80 | -42.29 | -41.42 | -48.20 | -11.36 | -2.74 | -1.18 | -24.96 | -2.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GENESE | 21.04 | 5.61 | 3.72 | 4.39 | 12.25 | 14.20 | 28.17 | 31.38 | 18.07 | 32.10 | 36.17 | 37.81 | 38.20 | 82.69 | 73.90 | 58.85 | 42.49 | 54.77 | 54.18 | 55.61 | 42.49 | 38.72 | 33.53 | 30.45 |
| 61753 | -0.11 | -0.02 | -0.02 | 0.01 | 0.01 | 0.01 | -0.19 | -0.41 | -0.20 | -0.21 | 0.07 | 0.21 | 0.16 | 1.02 | 1.53 | 1.29 | 0.75 | 1.47 | 0.94 | 0.70 | 0.94 | 0.92 | 0.68 | 0.68 |
| | -1.35 | -2.57 | -2.73 | -2.67 | -3.11 | 7.91 | -0.12 | 0.83 | 2.04 | 0.18 | 0.04 | 0.05 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.78 | 1.13 | 0.26 | 0.42 | 0.00 | 0.00 |
| H Q | 19.13 | 2.96 | 0.98 | 1.65 | 8.51 | -500.00 | 23.33 | -21.44 | 16.36 | 31.08 | 31.70 | 33.10 | 19.66 | 78.90 | 69.90 | 55.55 | 40.31 | 51.50 | -0.35 | -22.17 | 22.39 | 8.28 | 31.68 | 28.71 |
| 61844 | -0.67 | -0.11 | -0.03 | -0.06 | -0.30 | -0.84 | -0.97 | -1.21 | -0.75 | -1.11 | -1.29 | -1.32 | -1.34 | -2.77 | -2.46 | -2.02 | -1.44 | -1.80 | -1.92 | -2.00 | -1.52 | -1.42 | -1.16 | -1.07 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.32 | 521.26 | 3.94 | 52.86 | 3.21 | 0.29 | 3.16 | 3.22 | 17.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 52.44 | 76.22 | 17.91 | 28.53 | 0.00 | 0.00 |
| HUD VL | 41.95 | 42.35 | 42.69 | 42.64 | 57.24 | 34.55 | 33.06 | 35.39 | 19.93 | 34.83 | 38.89 | 40.47 | 41.18 | 87.52 | 77.35 | 61.72 | 44.82 | 56.96 | 57.89 | 60.25 | 44.77 | 40.99 | 35.20 | 31.86 |
| 61758 | 1.54 | 0.22 | 0.07 | 0.11 | 0.60 | 1.47 | 2.13 | 2.58 | 1.57 | 2.52 | 2.74 | 2.83 | 2.90 | 5.85 | 4.99 | 4.16 | 3.07 | 3.66 | 3.88 | 4.21 | 2.96 | 2.77 | 2.36 | 2.09 |
| | -20.60 | -39.06 | -41.61 | -40.81 | -47.51 | -10.99 | -2.70 | -0.20 | 1.96 | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| LONGIL | 42.98 | 43.18 | 43.45 | 43.35 | 58.17 | 35.36 | 33.79 | 37.06 | 46.35 | 38.08 | 39.95 | 41.67 | 42.47 | 89.52 | 79.10 | 63.36 | 46.20 | 58.43 | 59.74 | 62.30 | 55.84 | 47.98 | 52.77 | 32.99 |
| 61762 | 2.02 | 0.26 | 0.08 | 0.15 | 0.77 | 1.89 | 2.81 | 3.30 | 2.07 | 3.52 | 3.80 | 4.03 | 4.18 | 7.85 | 6.73 | 5.79 | 4.46 | 5.13 | 5.73 | 6.02 | 4.36 | 4.07 | 3.64 | 3.22 |
| | -21.15 | -39.86 | -42.35 | -41.49 | -48.27 | -11.38 | -2.74 | -1.14 | -23.96 | -2.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.23 | -9.68 | -5.68 | -16.29 | 0.00 |
| MHK VL | 22.47 | 6.97 | 4.99 | 5.59 | 13.79 | -49.97 | 29.06 | 26.97 | 18.10 | 33.70 | 37.50 | 39.06 | 37.99 | 85.64 | 75.92 | 60.29 | 43.60 | 55.69 | 49.69 | 48.78 | 41.42 | 36.27 | 34.25 | 30.99 |
| 61756 | 0.64 | 0.09 | 0.03 | 0.06 | 0.29 | 0.69 | 1.10 | 1.32 | 0.89 | 1.49 | 1.76 | 1.82 | 1.83 | 3.97 | 3.56 | 2.72 | 1.86 | 2.39 | 2.33 | 2.43 | 1.90 | 1.69 | 1.40 | 1.22 |
| | -2.03 | -3.81 | -3.95 | -3.83 | -4.37 | 72.75 | 0.27 | 6.97 | 3.10 | 0.27 | 0.40 | 0.41 | 2.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.66 | 9.70 | 2.29 | 3.65 | 0.00 | 0.00 |
| MILLWD | 42.66 | 43.37 | 43.66 | 43.52 | 58.22 | 34.94 | 33.15 | 36.01 | 35.20 | 36.27 | 39.02 | 40.61 | 41.30 | 87.67 | 77.40 | 61.79 | 44.90 | 57.01 | 57.97 | 60.32 | 44.80 | 41.05 | 35.28 | 31.93 |
| 61759 | 1.58 | 0.22 | 0.07 | 0.11 | 0.58 | 1.44 | 2.15 | 2.64 | 1.63 | 2.64 | 2.88 | 2.96 | 3.01 | 6.00 | 5.03 | 4.22 | 3.15 | 3.71 | 3.96 | 4.27 | 2.99 | 2.82 | 2.43 | 2.16 |
| | -21.27 | -40.09 | -42.58 | -41.70 | -48.50 | -11.41 | -2.76 | -0.75 | -13.25 | -1.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| N.Y.C. | 41.99 | 43.08 | 43.00 | 42.88 | 58.03 | 34.04 | 27.82 | 36.52 | 34.28 | 38.11 | 36.65 | 41.09 | 41.79 | 88.44 | 77.40 | 61.98 | 45.35 | 57.38 | 58.29 | 60.49 | 45.02 | 41.41 | 35.69 | 32.36 |
| 61761 | 1.81 | 0.24 | 0.07 | 0.12 | 0.66 | 1.62 | 2.50 | 3.06 | 1.91 | 3.11 | 3.42 | 3.51 | 3.51 | 6.80 | 5.59 | 4.82 | 3.60 | 4.21 | 4.34 | 4.63 | 3.21 | 3.18 | 2.85 | 2.59 |
| | -20.37 | -39.77 | -41.92 | -41.05 | -48.24 | -10.33 | 2.92 | -0.84 | -12.05 | -2.51 | 2.93 | 0.06 | 0.01 | 0.03 | 0.56 | 0.40 | 0.00 | 0.13 | 0.06 | 0.18 | 0.00 | 0.00 | 0.00 | 0.00 |
| NORTH | 19.03 | 2.94 | 0.98 | 1.64 | 8.50 | -433.24 | 23.82 | -15.81 | 16.65 | 31.24 | 32.21 | 33.84 | 22.00 | 80.09 | 71.01 | 56.42 | 40.98 | 52.47 | 5.58 | -14.05 | 24.48 | 11.30 | 31.96 | 28.89 |
| 61755 | -0.78 | -0.13 | -0.03 | -0.07 | -0.34 | -0.91 | -0.91 | -1.22 | -0.80 | -0.99 | -1.12 | -0.92 | -0.84 | -1.58 | -1.36 | -1.14 | -0.77 | -0.83 | -1.08 | -1.26 | -1.16 | -1.16 | -0.88 | -0.88 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.29 | 454.43 | 3.52 | 47.21 | 2.86 | 0.26 | 2.82 | 2.88 | 15.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 47.35 | 68.83 | 16.17 | 25.77 | 0.00 | 0.00 |
| NPX | 46.40 | 50.67 | 51.43 | 51.16 | 67.16 | 35.20 | 35.14 | 35.81 | 36.06 | 35.91 | 38.40 | 39.89 | 40.54 | 86.45 | 74.00 | 61.04 | 43.13 | 56.23 | 57.28 | 58.49 | 46.15 | 39.93 | 38.46 | 31.30 |
| 61845 | 1.51 | 0.22 | 0.07 | 0.12 | 0.64 | 1.50 | 2.05 | 2.38 | 1.42 | 2.16 | 2.25 | 2.24 | 2.26 | 4.56 | 3.91 | 3.26 | 2.41 | 2.93 | 3.27 | 3.44 | 2.61 | 2.35 | 2.12 | 1.90 |
| | -25.09 | -47.38 | -50.35 | -49.33 | -57.39 | -11.60 | -4.84 | -0.81 | -14.33 | -1.27 | 0.00 | 0.00 | 0.00 | -0.23 | 2.28 | -0.20 | 1.03 | 0.00 | 0.00 | 0.99 | -1.74 | 0.64 | -3.49 | 0.37 |

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|---------------|-------|--------|--------|--------|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| OH 61846 | 20.98 | 6.39 | 4.60 | 5.25 | 13.19 | 14.30 | 27.05 | 29.72 | 15.99 | 30.02 | 33.95 | 35.44 | 35.64 | 77.39 | 69.71 | 55.47 | 39.98 | 52.15 | 51.26 | 52.29 | 40.30 | 37.13 | 32.49 | 29.89 |
| | -0.62 | -0.09 | -0.04 | -0.01 | -0.09 | -0.67 | -1.40 | -2.09 | -1.39 | -2.21 | -2.15 | -2.16 | -2.41 | -4.29 | -2.66 | -2.10 | -1.76 | -1.15 | -2.01 | -2.68 | -1.26 | -0.70 | -0.35 | 0.11 |
| | -1.80 | -3.41 | -3.63 | -3.55 | -4.14 | 7.12 | -0.20 | 0.81 | 2.94 | 0.25 | 0.04 | 0.04 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.73 | 1.07 | 0.25 | 0.40 | 0.00 | 0.00 |
| PJM 61847 | 28.70 | 25.46 | 24.90 | 25.15 | 36.61 | 20.01 | 14.54 | 28.98 | -32.60 | 22.01 | 25.77 | 33.94 | 38.55 | 82.68 | 71.26 | 50.08 | 27.61 | 12.83 | 41.20 | 6.89 | 37.00 | 34.33 | 21.37 | 16.60 |
| | 0.52 | 0.07 | 0.02 | 0.06 | 0.28 | 0.38 | 0.53 | 0.59 | 0.27 | 0.42 | 0.61 | 0.57 | 0.50 | 1.01 | 1.32 | 1.06 | 0.69 | 1.20 | 1.05 | 0.95 | 0.75 | 0.92 | 0.89 | 0.97 |
| | -8.37 | -22.33 | -23.87 | -23.38 | -27.20 | 2.47 | 14.23 | 4.23 | 53.18 | 10.90 | 10.99 | 4.28 | 0.23 | 0.00 | 2.42 | 8.54 | 14.83 | 41.67 | 13.85 | 50.11 | 5.56 | 4.82 | 12.36 | 14.14 |
| WEST 61752 | 21.31 | 6.33 | 4.50 | 5.17 | 13.21 | 14.56 | 27.49 | 30.18 | 16.41 | 30.60 | 34.70 | 36.29 | 36.51 | 79.44 | 71.59 | 56.98 | 41.04 | 53.57 | 52.55 | 53.57 | 41.38 | 38.15 | 33.37 | 30.69 |
| | -0.24 | -0.04 | -0.03 | 0.02 | 0.06 | -0.31 | -0.94 | -1.62 | -1.07 | -1.64 | -1.41 | -1.31 | -1.53 | -2.23 | -0.78 | -0.59 | -0.71 | 0.26 | -0.72 | -1.40 | -0.18 | 0.32 | 0.52 | 0.91 |
| | -1.74 | -3.31 | -3.51 | -3.44 | -4.01 | 7.22 | -0.19 | 0.81 | 2.84 | 0.25 | 0.04 | 0.04 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.74 | 1.08 | 0.25 | 0.40 | 0.00 | 0.00 |